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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	New
				Filing Date	
				First Named Inventor	George F. Fanta et al.
				Group Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	0180.02

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	4,728,694		Batich et al.	03/01/1988	
	AB	3,317,330		Livingston et al.	05/02/1967	
	AC	6,040,063		Doane et al.	03/21/2000	
	AD	5,852,078		Willett et al.	12/22/1998	
	AE	4,156,664		Skinner et al.	05/29/79	
	AF	6,231,970		Anderson et al.	05/15/01	

FOREIGN PATENT DOCUMENTS								
Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	AL		1176255	A1	The Dow Chem. Co.	01/30/02		
	AM		0480362	A2	Osaka Printing Ink	04/15/02		
	AN		61085450		Toppan Printing Co.	05/01/86		
	AO		04226575		Osaka Insatsu Ink	04/18/91		
	AP		06040485		Nitsukan Kogyo KK	02/15/94		
	AQ		06113746		Top Foods KK	04/26/94		

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		Application Number	
		Filing Date	
		First Named Inventor	George F. Fanta et al.
		Group Art Unit	
		Examiner Name	
Sheet 2 of 2	Attorney Docket Number	0180.02	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AR1	DWIGHT, David, "Practicing polymer surface chemistry-a stream of consciousness", CHEMTECH, March 1982, pages 166-171	
	AS1	DASGUPTA, Sunil, "Surface Modification of Polyolefins for Hydrophilicity and Bondability: Ozonization and Grafting Hydrophilic Monomers on Ozonized Polyolefins", Journal of Applied Polymer Science, Vol.41, pages 233-248, 1990	
	AT1	TERLINGEN, Johannes G. A. et al., "Introduction of Functional Groups on Polyethylene Surfaces by a Carbon Dioxide Plasma Treatment", Journal of Applied Polymer Science, Vol. 57, pages 969-982, 1995	
	AU1	YAMADA, Kazunori et al., "Hydrophilic and Adhesive Properties of Methacrylic Acid-Grafted Polyethylene Plates", Journal of Applied Polymer Science, Vol. 44, pages 993-1001, 1992	
	AV1	RASMUSSEN, James R. et al., "Introduction, Modification, and Characterization of Functional Groups on the Surface of Low-Density Polyethylene Film", Journal of the American Chemical Society, Vol. 99, pages 4736-4745, July 1977	

Examiner Signature		Date Considered	
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